	Application No.	Applicant(s)
	10/024 404	HECKMEIED ET AL
Notice of Allowability	10/031,494 Examiner	HECKMEIER ET AL. Art Unit
-	Tarifur R Chowdhury	2871
The MAILING DATE of this communication apper All claims being allowable, PROSECUTION ON THE MERITS IS (herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGOT (of the Office or upon petition by the applicant. See 37 CFR 1.313	ars on the cover sheet with the (OR REMAINS) CLOSED in this a or other appropriate communication GHTS. This application is subject	correspondence address pplication. If not included on will be mailed in due course. THIS
1. This communication is responsive to <u>01/22/04</u> .		
2. The allowed claim(s) is/are <u>1-5,7,14-23 and 25-31</u> .		
3. The drawings filed on 22 January 2002 are accepted by the	e Examiner.	
 4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a)		
Attachment(s) 1. Notice of References Cited (PTO-892) 2. Notice of Draftperson's Patent Drawing Review (PTO-948) 3. Information Disclosure Statements (PTO-1449 or PTO/SB/0 Paper No./Mail Date 4. Examiner's Comment Regarding Requirement for Deposit of Biological Material	6. ☐ Interview Summar Paper No./Mail D 8), 7. ☐ Examiner's Amend	ate

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Allowable Subject Matter

1. Claims 1-5, 7, 14-23 and 25-31 are allowed.

- 2. The following is an examiner's statement of reasons for allowance:
- 3. The prior arts of record do not anticipate or render obvious to one skilled in the art a liquid crystal switching element comprising various elements as claimed, more specifically a liquid crystal layer having untwisted alignment and an optical retardation of from 0.07 μ m to 0.17 μ m and at least one birefringent layer which is either a $\lambda/2$ layer or two $\lambda/4$ layers, wherein the optical retardation of the birefringent layer or the layers is either essentially half or essentially twice the optical retardation of the liquid crystal layer.
- 4. The closest references EP 0727691 A (Welzen) and EP 0463816 A2 (Sato) discloses an untwisted liquid crystal layer having an optical retardation of 0.15 μm to 0.35 μm. However, none of the references alone or in combination with any other references teach or suggest the claimed birefringent layer or layers having optical retardation that is essentially half or twice the optical retardation of the liquid crystal layer respectively.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tarifur R Chowdhury whose telephone number is (571) 272-2287. The examiner can normally be reached on M-Th (6:30-5:00) Friday Off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robert Kim can be reached on (571) 272-2293. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

TRC March 13, 2004

PRIMARY EXAMINER